

Response to 17 July 2008 action
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Appl. no. 10/579,109
Atty. ref. VM001c0nUSb

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims

- 1 (*currently amended*). ~~Non-toxic~~ A non-acidic anti-freezing and anti-corrosion water solution comprising polyvalent alcohol such as glycerol from 38% to 88% by weight glycerol, water and additives as inhibitors which is effective at temperatures from -65°C to +110°C the following corrosion inhibiting additives: triethanolamine, an azole, one or more borates, at least one nitrate, at least one nitrite, at least one sulfate, at least one sulfite, at least one chromate, at least one benzoate, a cyanamide, and at least one polycarboxylate.
- 2 (*currently amended*). ~~Non-toxic~~ The non-acidic anti-freezing and anti-corrosion water solution according to claim 1, for useful at temperatures up to -25°C, which is comprised of water solution of additives plus glycerol, where water solution of additives comprises 97.40% of distilled water, comprising 0.60% of triethanolamine, 0.60% of polycarboxylate, 0.50% of benzotriazole, 0.20% of sodium tetraborate; 0.20% of sodium nitrate, 0.15% of sodium nitrite, 0.10% of sodium sulphide sulfite; 0.13% of potassium sulphide sulfate, 0.10% of Sodium sodium chromate, 0.10% of Sodium sodium benzoate, 0.03% of Sodium hydroxide, 0.20% of Sodium sodium metaborate, and 0.20% of calcium cyanamide, 0.005% of silicate oil, and where said glycerol makes constituting 38% of final non-toxic anti-freezing and anti-corrosion water said solution, all of said percentages being by weight.
- 3 (*currently amended*). ~~Non-toxic~~ The non-acidic anti-freezing and anti-corrosion water solution according to claim 1, for useful at temperatures up to -35°C, which is comprised of water solution of additives plus glycerol, where water solution of additives comprises 92.0% of distilled water, comprising 1.00% of triethanolamine, 1.00% of polycarboxylate, 1.50% of benzotriazole, 0.40% of sodium tetraborate, 0.30% of sodium nitrate, 0.25% of sodium nitrite, 0.25% of sodium sulphide sulfite, 0.90% of potassium sulphide sulfate, 0.20% of Sodium sodium chromate, 0.20% of Sodium sodium benzoate, 0.05% of Sodium hydroxide, 0.30% of Sodium sodium metaborate, and 0.35% of calcium cyanamide, 0.005% of silicate oil, and where said glycerol makes constituting 48% of final non-toxic anti-freezing and anti-corrosion water said solution, all of said percentages being by weight.

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- 4 (currently amended). ~~Non-toxic~~ The non-acidic anti-freezing and anti-corrosion water solution according to claim 1, ~~for useful at~~ temperatures up to -55°C, ~~which is comprised of water solution of additives plus glycerol, where water solution of additives comprises 82.0% of distilled water, comprising~~ 3.10% of triethanolamine, 2.60% of polycarboxylate, 3.20% of benzotriazole, 0.60% of sodium tetraborate, 0.40% of sodium nitrate; 0.35% of sodium nitrite, 1.10% of sodium sulphide ~~sulfite~~; 2.20% of potassium sulphide ~~sulfate~~; 0.65% of Sodium ~~sodium~~ chromate, 0.35% of Sodium ~~sodium~~ benzoate, 0.08% of Sodium hydroxide, 0.40% of Sodium ~~sodium~~ metaborate, ~~and~~ 0.45% of calcium cyanamide, 0.005% of silicate oil, ~~and where said glycerol makes constituting 60% of final non-toxic anti-freezing and anti-corrosion water said solution, all of said percentages being by weight.~~
- 5 (currently amended). ~~Non-toxic~~ The non-acidic anti-freezing and anti-corrosion water solution according to claim 1, ~~for useful at~~ temperatures up to -65°C, ~~which is comprised of water solution of additives plus glycerol, where water solution of additives comprises 78.00% of distilled water, comprising~~ 3.60% of triethanolamine, 3.40% of polycarboxylate, 4.80% of benzotriazole, 0.80% of sodium tetraborate, 0.45% of sodium nitrate, 0.45% of sodium nitrite, 1.40% of sodium sulphide ~~sulfite~~, 2.90% of potassium sulphide ~~sulfate~~, 1.00% of Sodium ~~sodium~~ chromate 0.45% of Sodium ~~sodium~~ benzoate, 0.10% of Sodium hydroxide, 0.80% of Sodium ~~sodium~~ metaborate, ~~and~~ 0.90% of calcium cyanamide, 0.005% of silicate oil, ~~and where said glycerol makes constituting 88% of final non-toxic anti-freezing and anti-corrosion water said solution, all of said percentages being by weight.~~
- 6 (canceled).
- 7 (currently amended). ~~Regenerator for wasted antifreeze, which comprises 82.95% of glycerol 10.00% of distilled water, The non-acidic anti-freezing and anti-corrosion solution of claim 16 comprising 1.00% of polimark~~ polycarboxylate, 1.00% of benzotriazole, 0.80% of triethanolamine, 0.20% of sodium metasilicate, 0.30% of potassium dichromate, 0.30% of sodium tetraborate (~~borax~~), 0.35% of sodium nitrate, 0.20% of sodium nitrite, 0.30% of sodium sulphide ~~sulfite~~, 0.25% of potassium sulphide ~~sulfate~~, 0.20% of sodium tripolyphosphate, 0.20% of sodium chromate, 0.30% of sodium benzoate, 0.03% of sodium hydroxide, 0.30% of benzoculshamide benzolsulfamide, and 0.45% of calcium cyanamide, ~~and 0.005% of silicate~~